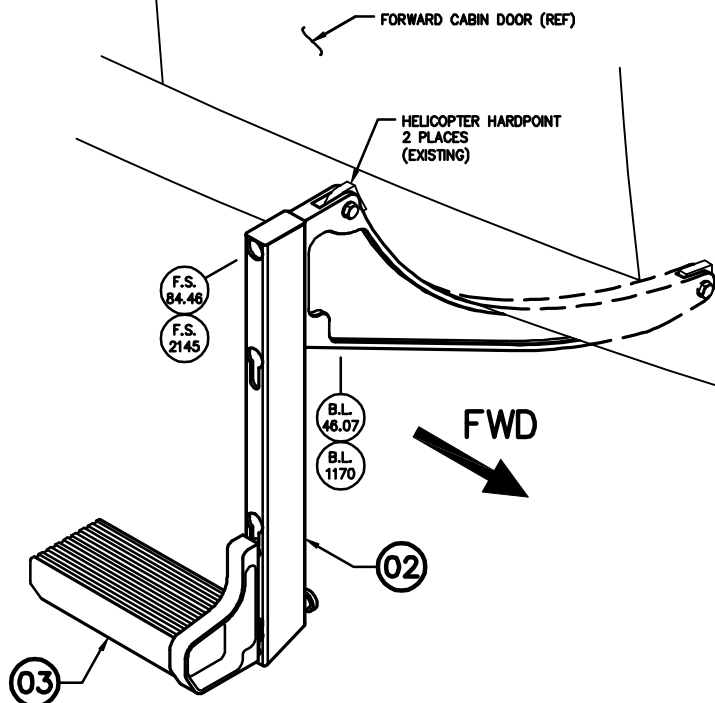
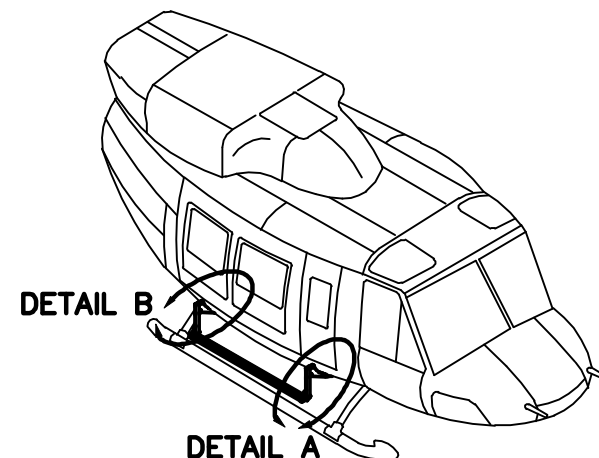


**DETAIL B**  
NOT TO SCALE  
LOOKING AT AFT END



**DETAIL A**  
NOT TO SCALE  
LOOKING AT FORWARD END



**01 STEP INSTALLATION**

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE  
BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL  
NOT TO SCALE

1	80010-7100	03	STEP ASSEMBLY (71.00 LONG)
1	75102-01	02	PROVISIONS INSTALLATION
1	80001-01	01	STEP INSTALLATION
QTY	PART NO.	ITEM	DESCRIPTION
LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: JEFF CLARKE	15 JULY 2008
CHECKED: E. BURGOIN	21 JULY 2008

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX  $\pm 0.010$   $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$



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POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 [www.aerodesign.ca](http://www.aerodesign.ca)

BELL 205A-1, 205B, 212, 412, 412EP, 412CF  
QUICK RELEASE STEP INSTALLATION  
STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 2	A4	80001	1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; METRIC WEIGHT AND BALANCE; FMS REFERENCE	BJC	13/01/2015

#### NOTES


- HIGH SKID GEAR INSTALLATION IS A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
- QUICK RELEASE MOUNTING PROVISIONS (ITEM 02) INSTALLED IN ACCORDANCE WITH DRAWING 75102 ARE A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
- QUICK RELEASE STEP MAY BE INSTALLED ON THE RIGHT AND/OR LEFT SIDE OF THE HELICOPTER.  
WEIGHT AND BALANCE IS GIVEN FOR RIGHT SIDE, LATERAL ARMS ARE NEGATIVE FOR LEFT SIDE INSTALLATION.
- REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE STEP INSTALLED.
- REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA800.90, FOR MAINTENANCE INFORMATION.

#### WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
02	PROVISIONS INSTALLATION	4.4	3002	13210	1184	5208
03	STEP ASSEMBLY	3.5	3043	10651	1326	4641
01	STEP INSTALLATION (TOTAL)	7.9	3020	23861	1247	9849

#### WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
02	PROVISIONS INSTALLATION	9.6	118.3	1136.0	46.6	447.6
03	STEP ASSEMBLY	7.8	119.8	934.4	52.2	407.1
01	STEP INSTALLATION (TOTAL)	17.4	119.0	2070.4	49.1	854.7

APPROVALS		DATE		 <b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376      www.aerodesign.ca				
DRAWN: JEFF CLARKE		15 JULY 2008						
CHECKED: E. BURGAIN		21 JULY 2008						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1				BELL 205A–1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE STEP INSTALLATION STEP INSTALLATION				
				NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
				SHEET 2 OF 2	A4	80001	1	